

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re patent application of**

Sun, et al.

**Serial No.:** Not Yet Assigned

**Group Art Unit:** Not Yet Assigned

**Filing Date:** Concurrently Herewith

**Examiner:** Unknown

**For:** SPIN-CURRENT SWITCHED MAGNETIC MEMORY ELEMENT SUITABLE FOR  
CIRCUIT INTEGRATION AND METHOD OF FABRICATING THE MEMORY  
ELEMENT

Commissioner for Patents  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to the duty of disclosure under 37 CFR §1.56, the following documents listed on the attached form PTO-1449 are brought to the attention of the Examiner in charge of the above-identified application. A copy of the listed documents are provided herewith for the convenience of the Examiner.

This citation does not constitute an admission that the reference is relevant or material to the claims. It is only cited as constituting related art of which the Applicants' are aware.

Applicant notes that the Y. Hual, et al. reference is only an Abstract. The paper corresponding to this Abstract has not been published to the best of Applicant's knowledge.

It is respectfully requested that the listed reference be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Assignee's Deposit Account No. 50-0510.

Respectfully submitted,



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Registration No. 46,060

Date: 11/19/03

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**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

Docket Number (Optional)

**YOR920030332US1**

Application Number

**Not Yet Assigned**

Applicant(s)

**Sun, et al.**

Filing Date

**Concurrently Herewith**

Group Art Unit

**Unknown****U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,695,864	12/09/1997	Slonczewski			
		5,792,569	08/11/1998	Sun, et al.			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Y. Hual, et al., "OBSERVATION OF SPIN-TRANSFER SWITCHING IN SUBMICRON-SIZED AND LOW-RESISTANCE MAGNETIC TUNNEL JUNCTIONS", <a href="http://mmm.abstractcentral.com">http://mmm.abstractcentral.com</a> , 2003, Abstract Only
		Liu, et al., "CURRENT-INDUCED MAGNETIZATION SWITCHING IN MAGNETIC TUNNEL JUNCTIONS", Applied Physics Letters, Vol. 82, No. 17, April 28, 2003, Pages 2871-2873

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.